



Practitioner's Docket No.

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Box Patent Application Assistant Commissioner for Patents Washington, D.C. 20231



NEW APPLICATION TRANSMITTAL

Transmitted herewith for filing is the patent application of

Inventor(s):

George G. BARCLAY, Robert G. HEUMANN, Edward W. RUTTER, Jr.,

Jung-Kuang R. CHEN, Margaret C. LAWSON, George M. JORDHAMO, Timothy M. HUGHES, Wayne M. MOREAU and Ann Marie MEWHERTER

WARNING:

37 CFR 1.41(a)(1) points out:

"(a) A patent is applied for in the name or names of the actual inventor or inventors.

(1) The inventorship of a nonprovisional application is that inventorship set forth in the oath or declaration as prescribed by § 1.63, except as provided for in § 1.53(d)(4) and § 1.63(d). If an oath or declaration as prescribed by § 1.63 is not filed during the pendency of a nonprovisional application, the inventorship is that inventorship set forth in the application papers filed pursuant to \S 1.53(b), unless a petition under this paragraph accompanied by the fee set forth in $\S 1.17(i)$ is filed supplying or changing the name or names of the inventor or inventors"

For (title):

HIGH RESOLUTION PHOTORESIST COMPOSITIONS

CERTIFICATION UNDER 37 C.F.R. 1.10*

(Express Mail label number is mandatory.) (Express Mail certification is optional.)

I hereby certify that this correspondence and the documents referred to as attached therein are being deposited with the United States Postal Service on this date _ February 7, 2001 _, in an envelope as "Express Mail Post Office to Addressee," mailing Label Number EL770089445US, addressed to the: Assistant Commissioner for Patents, Washington, D.C. 20231.

FC: 704

Ping. Mary Street

And the second second

Repln. Ref: 02/14/2001 MWOLDER1 0021551500 DAH:041105 Name/Number:09778365

\$40.00 CR

Deanna M. Rivernider

(type or print name of person mailing paper)

Signature of person mailing paper

WARNING:

Certificate of mailing (first class) or facsimile transmission procedures of 37 C.F.R. 1.8 cannot be used to obtain a date of mailing or transmission for this correspondence.

*WARNING:

Each paper or fee filed by "Express Mail" must have the number of the "Express Mail" mailing label

placed thereon prior to mailing. 37 C.F.R. 1.10(b).

"Since the filing of correspondence under \S 1.10 without the Express Mail mailing label thereon is an oversight that can be avoided by the exercise of reasonable care, requests for waiver of this requirement will not be granted on petition." Notice of Oct. 24, 1996, 60 Fed. Reg. 56,439, at 56,442.

1. Type of Application

This new application is for a(n)

(check one applicable item below)

| | | Original (nonprovisional) |
|--------------------------|---------|--|
| | [] | Design |
| | [] | Plant |
| WARNI | NG: | Do not use this transmittal for a completion in the U.S. of an International Application under 35 U.S.C. $371(c)(4)$, unless the International Application is being filed as a divisional, continuation or continuation-in part application. |
| WARNI | NG: | Do not use this transmittal for the filing of a provisional application. |
| TRANSMITTAL WHERE BENEFI | | the following 3 items apply, then complete and attach ADDED PAGES FOR NEW APPLICATION MITTAL WHERE BENEFIT OF A PRIOR U.S. APPLICATION CLAIMED and a NOTIFICATION IN PARENT ATION OF THE FILING OF THIS CONTINUATION APPLICATION. |
| | [] | Divisional. |
| | [] | Continuation. |
| | [] | Continuation-in-part (C-I-P). |
| 2. | Benefit | t of Prior U.S. Application(s) (35 U.S.C. 119(e), 120, or 121) |
| | | |

NOTE: A nonprovisional application may claim an invention disclosed in one or more prior filed copending nonprovisional applications or copending international applications designating the United States of America. In order for a nonprovisional application to claim the benefit of a prior filed copending nonprovisional application or copending

nonprovisional application to claim the benefit of a prior filed copending nonprovisional application or copending international application designating the United States of America, each prior application must name as an inventor at least one inventor named in the later filed nonprovisional application and disclose the named inventor's invention claimed in at least one claim of the later filed nonprovisional application in the manner provided by the first

paragraph of 35 U.S.C. 112. Each prior application must also be:

(i) An international application entitled to a filing date in accordance with PCT Article 11 and designating the United States of America; or

(ii) Complete as set forth in § 1.51(b); or

(iii) Entitled to a filing date as set forth in § 1.53(b) or § 1.53(d) and include the basic filing fee set forth in § 1.16; or

(iv) Entitled to a filing date as set forth in § 1.53(b) and have paid therein the processing and retention fee set forth in § 1.21(l) within the time period set forth in § 1.53(f).

37 CFR 1.78(a)(1).

NOTE If the new application being transmitted is a divisional, continuation or a continuation-in-part of a parent case, or where the parent case is an International Application which designated the U.S., or benefit of a prior provisional application is claimed, then check the following item and complete and attach ADDED PAGES FOR NEW APPLICATION TRANSMITTAL WHERE BENEFIT OF PRIOR U.S. APPLICATION(S) CLAIMED.

WARNING:

If an application claims the benefit of the filing date of an earlier filed application under 35 U.S.C. 120, 121 or 365(c), the 20-year term of that application will be based upon the filing date of the earliest U.S. application that the application makes reference to under 35 U.S.C. 120, 121 or 365(c). (35 U.S.C. 154(a)(2) does not take into account, for the determination of the patent term, any application on which priority is claimed under 35 U.S.C. 119, 365(a) or 365(b).) For a c-i-p application, applicant should review whether any claim in the patent that will issue is supported by an earlier application and, if not, the applicant should consider canceling the reference to the earlier filed application. The term of a patent is not based on a claim-by-claim approach. See Notice of April 14, 1995, 60 Fed. Reg 20,195, at 20,205.

WARNING:

When the last day of pendency of a provisional application falls on a Saturday, Sunday, or Federal holiday within the District of Columbia, any nonprovisional application claiming benefit of the provisional application must be filed prior to the Saturday, Sunday, or Federal holiday within the District of Columbia. See 37 C.F.R. § 1.78(a)(3).

[X] The new application being transmitted claims the benefit of prior U.S. application(s). Enclosed are ADDED PAGES FOR NEW APPLICATION TRANSMITTAL WHERE BENEFIT OF PRIOR U.S. APPLICATION(S) CLAIMED.

3. Papers Enclosed

| A. | Required for Filing Date under 37 C.F.R. 1.53(b) (Regular) or 37 C.F.R. 1.153 |
|----|---|
| | (Design) Application |

| 19 | Pages of Specification (including cover sheet) |
|-------|--|
| 3 | Pages of Claims |
| | Sheets of Drawing |
| | [] Formal [] Informal |
| Other | Papers Enclosed |
| 1 | Pages of Abstract Other |

WARNING:

В.

DO NOT submit original drawings. A high quality copy of the drawings should be supplied when filing a patent application. The drawings that are submitted to the Office must be on strong, white, smooth, and non-shiny paper and meet the standards according to § 1.84. If corrections to the drawings are necessary, they should be made to the original drawing and a high-quality copy of the corrected original drawing then submitted to the Office. Only one copy is required or desired. For comments on proposed then-new 37 C.F.R. 1.84, see Notice of March 9, 1988 . . (1990 O.G. 57-62).

NOTE: "Identifying indicia, if provided, should include the application number or the tule of the invention, inventor's name, docket number (if any), and the name and telephone number of a person to call if the Office is unable to match the drawings to the proper application. This information should be placed on the back of each sheet of drawing a minimum distance of 1.5 cm. (5/8 inch) down from the top of the page." 37 C.F.R. 1.84(c)).

(complete the following, if applicable)

[] The enclosed drawing(s) are photograph(s), and there is also attached a "PETITION TO ACCEPT PHOTOGRAPH(S) AS DRAWING(S)." 37 C.F.R. 1.84(b).

4.

| 4. | Additional Papers Enclosed | | | | | |
|-------|---|---|--|--|--|--|
| | Preliminary Amendment Information Disclosure Statement (37 C.F.R. 1.98) Form PTO-1449 Citations Declaration of Biological Deposit Submission of "Sequence Listing," computer readable copy and/or amendment pertaining thereto for biotechnology invention containing nucleotide and/or am sequence. Authorization of Attorney(s) to Accept and Follow Instructions from Representation | | | | | |
| | [] | Special Comments Other: | | | | |
| 5. | | Declaration or Oath | | | | |
| NOTE: | nonprov the inver executed is submi inventor that dec under § | A newly executed declaration is not required in a continuation or divisional application provided the prior nonprovisional application contained a declaration as required, the application being filed is by all or fewer than all the inventors named in the prior application, there is no new matter in the application being filed, and a copy of the executed declaration filed in the prior application (showing the signature or an indication thereon that it was signed) is submitted. The copy must be accompanied by a statement requesting deletion of the names of person(s) who are not inventors of the application being filed. If the declaration in the prior application was filed under \S 1.47 then a copy of that declaration must be filed accompanied by a copy of the decision granting \S 1.47 status or, if a nonsigning person under \S 1.47 has subsequently joined in a prior application, then a copy of the subsequently executed declaration must be filed. See 37 CFR 1.63(d). | | | | |
| NOTE: | identify together | ration filed to complete an application must be executed, identify the specification to which it is directed, each inventor by full name, including the family name, and at least one given name without abbreviation with any other given name or initial, and the residence, post office address and country of citizenship of each and state whether the inventor is a sole or joint inventor. 37 CFR 1.63(a)(1)-(4). | | | | |
| | [] Enclosed | | | | | |
| | | Executed by (check all applicable boxes) inventor(s). legal representative of inventor(s). 37 CFR 1.42 or 1.43. joint inventor or person showing a proprietary interest on behalf of inventor who refused to sign or cannot be reached. This is the petition required by 37 CFR 1.47 and the statement required by 37 CFR 1.47 is also attached. See item 13 below for fee. | | | | |
| | [X] | Not Enclosed. | | | | |
| NOTE: | applica continu | the filing is a completion in the U.S. of an International Application, or where the completion of the U.S. tion contains subject matter in addition to the International Application, the application may be treated as a atton or continuation-in-part, as the case may be, utilizing ADDED PAGE FOR NEW APPLICATION MITTAL WHERE BENEFIT OF PRIOR U.S. APPLICATION CLAIMED. | | | | |
| | | [] Application is made by a person authorized under 37 C.F.R. 1.41(c) on behalf of <i>all</i> the above named inventor(s). | | | | |

| (Th | e declara | tion or oath, along with the surcharge required by 37 CFR 1.16(e), can be filed subsequently). | | |
|---------|---|--|--|--|
| NOTE: | It is important that all the correct inventor(s) are named for filing under 37 CFR 1.41(c) and 1.53(b). | | | |
| | | [] Showing that the filing is authorized. (not required unless called into question. 37 CFR 1.41(d)) | | |
| 6. | Invent | orship Statement | | |
| WARNI | NG: | If the named inventors are each not the inventors of all the claims an explanation, including the ownership of the various claims at the time the last claimed invention was made, should be submitted. | | |
| The inv | entorsh | ip for all the claims in this application are: | | |
| | [] | The same. | | |
| | [] | Not the same. An explanation, including the ownership of the various claims at the time the last claimed invention was made, [] is submitted. [] will be submitted. | | |
| 7. | Langu | age | | |
| NOTE: | translati | oplication including a signed oath or declaration may be filed in a language other than English. An English lation of the non-English language application and the processing fee of \$130 00 required by 37 CFR 1.17(k) is red to be filed with the application, or within such time as may be set by the Office. 37 CFR 1.52(d). | | |
| | [X] [] | English Non-English | | |
| | | [] The attached translation includes a statement that the translation is accurate. 37 C.F.R. 1.52(d). | | |
| 8. | Assign | ment | | |
| | [X] | An assignment of the invention to Shipley Company, L.L.C. of Marlborough, Massachusetts | | |
| | | [] is attached. A separate [] "COVER SHEET FOR ASSIGNMENT (DOCUMENT) ACCOMPANYING NEW PATENT APPLICATION" or [] FORM PTO 1595 is also attached. | | |
| | | [] was filed in the parent application[X] will follow. | | |
| NOTE: | "If an a the assi | ssignment is submitted with a new application, send two separate letters-one for the application and one for gnment" Notice of May 4, 1990 (1114 O.G 77-78). | | |
| WARN | ING: | A newly executed "STATEMENT UNDER 37 CFR 3.73(b)" must be filed when a continuation-in-part application is filed by an assignee. Notice of April 30, 1993, 1150 O.G. 62-64. | | |

| 9. Certified Co |
|-----------------|
|-----------------|

Certified copy(ies) of application(s)

| Cour | itry | Appln. No. | Filed | |
|--------------|--|------------|-------|--|
| from which p | riority is claimed is enclosed. was filed. | | | |
| [] | will follow. | | | |

The foreign application forming the basis for the claim for priority must be referred to in the oath or declaration. 37 NOTE: CFR 1.55(a) and 1.63.

This item is for any foreign priority for which the application being filed directly relates. If any parent U.S. NOTE: application or International Application from which this application claims benefit under 35 U.S.C. 120 is itself entitled to priority from a prior foreign application, then complete item 18 on the ADDED PAGES FOR NEW APPLICATION TRANSMITTAL WHERE BENEFIT OF PRIOR U.S. APPLICATION(S) CLAIMED

Fee Calculation (37 C.F.R. 1.16) 10.

[X]Regular application

| Claims | Number Filed | Basic Fee Allowance | Number Extra | Rate | Basic Fee 37 C.F.R. 1.16(a) \$710.00 |
|--|-----------------|------------------------|-----------------|------------|--|
| Total Claims (37 CFR 1.16(c)) | 24 | - 20 = | 4 | x \$ 18.00 | \$72.00 |
| Independent Claims (37 CFR 1.16(b)) | 2 | - 3 = | 0 | x \$78.00 | \$0 |
| Multiple Dependent Claim(s), if any (37 CFR 1.16(d)) | | | + | \$260.00 | \$0 |

| [] | Amendment canceling extra claims is enclosed. |
|----|--|
| [] | Amendment deleting multiple-dependencies is enclosed |
| [] | Fee for extra claims is not being paid at this time. |

If the fees for extra claims are not paid on filing they must be paid or the claims cancelled by amendment, prior to the expiration of the time period set for response by the Patent and Trademark Office in any notice of fee deficiency. 37 CFR 1.16(d).

Filing Fee Calculation

782.00

| | В. | Design application (\$330.00—37 CFR 1.16(f)) Filing Fee Calculation |
|-------|-------|---|
| | C. | Filing Fee Calculation \$ Plant application (\$540.00—37 CFR 1.16(g)) Filing Fee Calculation \$ |
| 11. | Small | tity Statement(s) |
| | [] | tatement(s) that this is a filing by a small entity under 37 CFR 1.9 and 1.27 is (are) ttached. |
| WARNI | NG: | Status as a small entity must be specifically established in each application or patent in which the status is vailable and desired. Status as a small entity in one application or patent does not affect any other application or patent, including applications or patents which are directly or indirectly dependent upon the application or atent in which the status has been established. The refiling of an application under § 1.53 as a continuation, ivision, or continuation-in-part (including a continued prosecution application under § 1.53(d)), or the filing of reissue application requires a new determination as to continued entitlement to small entity status for the continuing or reissue application. A nonprovisional application claiming benefit under 35 U.S.C. 119(e), 120, 21, or 365(c) of a prior application, or a reissue application may rely on a statement filed in the prior application or in the patent if the nonprovisional application or the reissue application includes a reference to be statement in the prior application or in the patent and status as a small entity is still proper and desired. The payment of the small entity basic atutory filing fee will be treated as such a reference for purposes of this section." 37 CFR 1.28(a)(2). (complete the following, if applicable) |
| | [] | tatus as a small entity was claimed in prior application, filed n from which benefit is being claimed for this application under: |
| | | 5 U.S.C. § [] 119(e), [] 120, [] 121, [] 365(c), |
| | | nd which status as a small entity is still proper and desired. |
| | | A copy of the statement in the prior application is included. iling Fee Calculation (50% of A , B or C above) |
| NOTE: | | of the full fee paid will be refunded if a small entity status is established refund request are filed within 2 e date of timely payment of a full fee. The two-month period is not extendable under § 1.136. 37 CFR 1.28(a). |
| 12. | Reque | for International-Type Search (37 C.F.R. 1.104(d)) (complete, if applicable) |
| | [] | lease prepare an international-type search report for this application at the time when ational examination on the merits takes place. |

13.

| 13. | Fee Pa | nyment Being Made at This Time | | | | | |
|----------|---|--|--|---------|---------------------------------------|--|--|
| | [] | Not Enclosed | | | | | |
| | | [] | No filing fee is to be paid at this time. (This and the surcharge required by 37 C.F.R. 1.16(e) co | an be p | aid subsequently.) | | |
| | [X] | Enclosed | | | | | |
| | | [X] | Filing fee | \$ | 782.00 | | |
| | | [X] | Recording assignment (\$40.00; 37 C.F.R. 1.21(h)) (See attached "COVER SHEET FOR ASSIGNMENT ACCOMPANYING NEW APPLICATION.") | \$ | 40.00 | | |
| | | [] | Petition fee for filing by other than all the inventors or person on behalf of the inventor where inventor refused to sign or cannot be reached (\$130.00; 37 C.F.R. 1.47 and 1.17(i)) | \$ | | | |
| | | [] | For processing an application with a specification in a non-English language (\$130.00; 37 C.F.R. 1.52(d) and 1.17(k)) | \$ | · · · · · · · · · · · · · · · · · · · | | |
| | | [] | Processing and retention fee (\$130.00; 37 C.F.R. 1.53(d) and 1.21(l)) | \$ | | | |
| | | [] | Fee for international-type search report (\$40.00; 37 C.F.R. 1.21(e)) | \$ | | | |
| NOTE: | applicati order to | on pursua obtain th | tablishes a fee for processing and retaining any application that is abar int to 37 CFR 1.53(f) and this, as well as the changes to 37 CFR 1.5. e benefit of a prior U.S. application, either the basic filing fee must .21(l) must be paid, within 1 year from notification under § 53(f). | 3 and 1 | 78(a)(1), indicate that in | | |
| | | | Total Fees Enclosed | \$ | 822.00 | | |
| 14. | Metho | d of Pa | yment of Fees | | | | |
| | [X] | Check | in the amount of \$822.00 | | | | |
| | [] | Charge A dup | e Account No in the amount of \$ licate of this transmittal is attached. | <u></u> | | | |
| 15. | Autho | rization | to Charge Additional Fees | | | | |
| WARNING: | | If no fees are to be paid on filing, the following items should <u>not</u> be completed. | | | | | |
| WARN | NING: Accurately count claims, especially multiple dependent claims, to avoid unexpected high charges, is charges are authorized. | | | | gh charges, ıf extra claim | | |
| | [X] | The Commissioner is hereby authorized to charge the following additional fees by this paper and during the entire pendency of this application to Account No. <u>04-1105</u> . | | | | | |

| [X] | 37 C.F.R. 1.16(a), (f) or (g) (filing fees) |
|-----|---|
| [X] | 37 C.F.R. 1.16(b), (c) and (d) (presentation of extra claims) |

NOTE: Because additional fees for excess or multiple dependent claims not paid on filing or on later presentation must only be paid or these claims cancelled by amendment prior to the expiration of the time period set for response by the PTO in any notice of fee deficiency (37 CFR 1.16(d)), it might be best not to authorize the PTO to charge additional claim fees, except possibly when dealing with amendments after final action.

- [X] 37 C.F.R. 1.16(e) (surcharge for filing the basic filing fee and/or declaration on a date later than the filing date of the application)
- [X] 37 CFR 1.17(a)(1)-(5) (extension fees pursuant to \S 1.136(a).
- [X] 37 C.F.R. 1.17 (application processing fees)
- NOTE: "A written request may be submitted in an application that is an authorization to treat any concurrent or future reply, requiring a petition for an extension of time under this paragraph for its timely submission, as incorporating a petition for extension of time for the appropriate length of time. An authorization to charge all required fees, fees under § 1.17, or all required extension of time fees will be treated as a constructive petition for an extension of time in any concurrent or future reply requiring a petition for an extension of time under this paragraph for its timely submission. Submission of the fee set forth in § 1.17(a) will also be treated as a constructive petition for an extension of time in any concurrent reply requiring a petition for an extension of time under this paragraph for its timely submission." 37 CFR 1.136(a)(3).
 - [] 37 C.F.R. 1.18 (issue fee at or before mailing of Notice of Allowance, pursuant to 37 C.F.R. 1.311(b))
- NOTE: Where an authorization to charge the issue fee to a deposit account has been filed before the mailing of a Notice of Allowance, the issue fee will be automatically charged to the deposit account at the time of mailing the notice of allowance.

 37 CFR 1.311(b)).
- NOTE: 37 CFR 1.28(b) requires "Notification of any change in status resulting in loss of entitlement to small entity status must be filed in the application . . . prior to paying, or at the time of paying, . . issue fee." From the wording of 37 CFR 1.28(b), (a) notification of change of status must be made even if the fee is paid as "other than a small entity" and (b) no notification is required if the change is to another small entity

16. Instructions as to Overpayment

Credit Account No. 04-1105

[X]

NOTE. ". Amounts of twenty-five dollars or less will not be returned unless specifically requested within a reasonable time, nor will the payer be notified of such amounts; amounts over twenty-five dollars may be returned by check or, if requested, by credit to a deposit account." 37 CFR 1.26(a).

| [] Refund | Y 42 |
|--------------------------|--|
| | SIGNATURE OF PRACTITIONER |
| Reg. No. 33,860 | Peter F. Corless (type or print name of practitioner) |
| | EDWARDS & ANGELL, LLP Dike, Bronstein, Roberts & Cushman, IP Group |
| Tel. No.: (617) 523-3400 | 130 Water Street P.O. Address |
| Customer No.: | Boston, MA 02109 |

[X] Incorporation by reference of added pages

(check the following item if the application in this transmittal claims the benefit of prior U.S. application(s) (including an international application entering the U.S. stage as a continuation, divisional or C-I-P application) and complete and attach the ADDED PAGES FOR NEW APPLICATION TRANSMITTAL WHERE BENEFIT OF PRIOR U.S. APPLICATION(S) CLAIMED)

| | [X] | Plus Added Pages for New Application Transmittal Where Benefit of Prior U.S. Application(s) Claimed Number of pages added5 |
|----|-------|---|
| | [] | Plus Added Pages for Papers Referred to in Item 4 Above Number of pages added |
| | [] | Plus added pages deleting names of inventor(s) named on prior application(s) who is/are no longer inventor(s) of the subject matter claimed in this application. Number of pages added |
| | [] | Plus "Assignment Cover Letter Accompanying New Application" Number of pages added |
| [] | State | ment Where No Further Pages Added |
| | | further pages form a part of this Transmittal, then end this Transmittal with this page and the following item) |
| | [] | This transmittal ends with this page. |
| | | |

ADDED PAGES FOR APPLICATION TRANSMITTAL WHERE BENEFIT OF PRIOR U.S. APPLICATION(S) CLAIMED

NOTE: See 37 CFR 1.78.

17. Relate Back

WARNING: If an application claims the benefit of the filing date of an earlier filed application under 35 U.S.C. 120, 121 or 365(c), the 20-year term of that application will be based upon the filing date of the earliest U.S. application that the application makes reference to under 35 U.S.C. 120, 121 or 365(c). (35 U.S.C. 154(a)(2) does not take into account, for the determination of the patent term, any application on which priority is claimed under 35 U.S.C. 119, 365(a) or 365(b).) For a c-i-p application, applicant should review whether any claim in the patent that will issue is supported by an earlier application and, if not, the applicant should consider canceling the reference to the earlier filed application. The term of a patent is not based on a claim-by-claim approach. See Notice of April 14, 1995, 60 Fed. Reg. 20,195, at 20,205.

(complete the following, if applicable)

[X] Amend the specification by inserting, before the first line, the following sentence:

A. 35 U.S.C. 119(e)

NOTE: "Any nonprovisional application claiming the benefit of one or more prior filed copending provisional applications must contain or be amended to contain in the first sentence of the specification following the title a reference to each such prior provisional application, identifying it as a provisional application, and including the provisional application number (consisting of series code and serial number)." 37 C.F.R. § 1.78(a)(4).

[X] "This application claims the benefit of U.S. Provisional Application(s) No(s).:

| APPLICATION NO(S).: | FILING DATE |
|---------------------|---------------------------------------|
| 60/180,905 | 02/07/2000 |
| | |
| | · · · · · · · · · · · · · · · · · · · |

B. 35 U.S.C. 120, 121 and 365(c)

NOTE: "Except for a continued prosecution application filed under § 1.53(d), any nonprovisional application claiming the benefit of one or more prior filed copending nonprovisional applications or international applications designating the United States of America must contain or be amended to contain in the first sentence of the specification following the title a reference to each such prior application, identifying it by application number (consisting of the series code and serial number) or international application number and international filing date and indicating the relationship of the applications. . . Cross-references to other related applications may be made when appropriate." (See § 1.14(a)). 37 C.F.R. § 1.78(a)(2).

| [] | "This application is a | | |
|-------|--|---|---|
| | [] continuation | | |
| | [] continuation-in-part | | |
| | [] divisional | | |
| of | copending application(s) | | |
| [] | application numberfiled | on | |
| [] | International Applicationdesignated the U.S." | filed on | and which |
| NOTE. | The proper reference to a prior filed PCT application the filing date of the PCT application that designated | • | e is the U.S. serial number and |
| NOTE: | (1) Where the application being transmitted adds sur a continuation-in-part or (2) if it is desired to do so f | | |
| NOTE: | The deadline for entering the national phase in the April 28, 1987 (1079 O.G. 32 to 46) as follows: | U.S. for an international application | was clarified in the Notice of |
| | "The Patent and Trademark Office considers the In priority date if the United States has been designated filed prior to the expiration of the 19th month from Demand for International Preliminary Examination expiration of the 19th month from the priority da communicated to the Patent and Trademark Officinternational application has not been communicated period respectively, the international application be priority date respectively. These periods have been pl. 495. A continuing application under 35 U.S.C. unternational application." | I and no Demand for International Prethe priority date and until the 32nd month which elected the United States of Americe, provided that a copy of the interment within the 20 or 30 month period ted to the Patent and Trademark Officecomes abandoned as to the United Stated in the rules as paragraph (h) of | liminary Examination has been onth from the priority date if a crica has been filed prior to the national application has been respectively. If a copy of the ce within the 20 or 30 month ates 20 or 30 months from the § 1.494 and paragraph (i) of § |
| [] | "The nonprovisional application designated | d above, namely application , filed | . claims the benefit of |
| | U.S. Provisional Application(s) No(s).: | | |
| APPL | ICATION NO(S).: | | FILING DATE |
| | <u>/</u> | | 27 |
| | // _// | | " |
| | | | " |
| [] | Where more than one reference is made ab | ove please combine all referenc | es into one sentence. |

18. Relate Back—35 U.S.C. 119 Priority Claim for Prior Application

The prior U.S. application(s), including any prior International Application designating the U.S., identified above in item 17B, in turn itself claim(s) foreign priority(ies) as follows:

| Country | Ý | Appln. no. | Filed | |
|---------|---|--|--|--|
| The | e certified copy(ies) ha | s (have) | | |
| [] | been filed on | , in prior application | , w | which was filed on |
| [] | is (are) attached. | | | |
| WARNII | Bureau may not be application. This is Bureau is placed in folders are disposed needed later in the placements from the transfer, retrieve the such copies in the | If the priority application that may have be relied on without any need to file a certifie so because the certified copy of the prior a folder and is not assigned a U.S. serial of if the national stage is not entered. The rosecution of a continuing application. An a folders and transfer them to the continu- folders, make suitable record notations, tra- Continuing Application are substantial. | ed copy of the priority ap, rity application communic l number unless the natio crefore, such certified cope alternative would be to phy ing application. The reso consfer the certified copies, of Accordingly, the priority | plication in the continuing cated by the International mal stage is entered. Such ies may not be available if vsically remove the priority purces required to request enter and make a record of documents in folders of |
| 19. Ma | intenance of Copend | ency of Prior Application | | |
| NOTE: | | a copy of the petition filed in the prior app filing of the continuation application. Notic | | |
| A. | [] Extension of time | e in prior application | | |
| (This i | item must be complete | ed and the papers filed in the prior application has run.) | | eriod set in the prior |
| | [] A petition, fee ar | d response extends the term in the p | pending prior applica | ution until |
| | [] A copy of th | e petition filed in prior application i | s attached. | |
| В. | [] Conditional Petit | ion for Extension of Time in Prior A | Application | |
| | (| complete this item, if previous item | not applicable) | |
| | [] A conditional per | ition for extension of time is being | filed in the pending p | orior application. |
| | [] A copy of th | e conditional petition filed in the pri | ior application is attac | ched. |
| | | | | |

20. Further Inventorship Statement Where Benefit of Prior Application(s) Claimed

(complete applicable item (a), (b) and/or (c) below)

| (a) | [] | This application discloses and claims only subject matter disclosed in the prior application whose particulars are set out above and the inventor(s) in this application are |
|-----|-------|--|
| | | [] the same. |
| | | [] less than those named in the prior application. It is requested that the following inventor(s) identified for the prior application be deleted: |
| | | (type name(s) of inventor(s) to be deleted) |
| (b) | [] | This application discloses and claims additional disclosure by amendment and a new declaration or oath is being filed. With respect to the prior application, the inventor(s) in this application are |
| | | [] the same. |
| | | [] the following additional inventor(s) have been added: |
| | | (type name(s) of inventor(s) to be deleted) |
| (c) | [] | The inventorship for all the claims in this application are |
| | | [] the same. |
| | | [] not the same. An explanation, including the ownership of the various claims at the time the last claimed invention was made |
| | | [] is submitted. |
| | | [] will be submitted. |
| 21. | Abano | lonment of Prior Application (if applicable) |
| | [] | Please abandon the prior application at a time while the prior application is pending, or when the petition for extension of time or to revive in that application is granted, and when this application is granted a filing date, so as to make this application copending with said prior application. |
| | _ | |

NOTE: According to the Notice of May 13, 1983 (103, TMOG 6-7), the filing of a continuation or continuation-in-part application is a proper response with respect to a petition for extension of time or a petition to revive and should include the express abandonment of the prior application conditioned upon the granting of the petition and the granting of a filing date to the continuing application.

[] continuation

[] divisional

[] continuation-in-part

22. Petition for Suspension of Prosecution for the Time Necessary to File an Amendment

"The claims of a new application may be finally rejected in the first Office action in those situations where (1) the new application is a continuing application of, or a substitute for, an earlier application, and (2) all the claims of the new application (a) are drawn to the same invention claimed in the earlier application, and (b) would have been properly finally rejected on the grounds of art of record in the next Office action if they had been entered in the earlier application." MPEP, § 706.07(b). Where it is possible that the claims on file will give rise to a first action final for this continuation application and for some NOTE: reason an amendment cannot be filed promptly (e.g., experimental data is being gathered) it may be desirable to file a petition for suspension of prosecution for the time necessary. (check the next item, if applicable) [] There is provided herewith a Petition To Suspend Prosecution for the Time Necessary to File An Amendment (New Application Filed Concurrently) 23. Small Entity (37 CFR § 1.28(a)) [] Applicant has established small entity status by the filing of a statement in parent application No. [] A copy of the statement previously filed is included. WARNING: See 37 CFR § 1.28(a). 24. NOTIFICATION IN PARENT APPLICATION OF THIS FILING A notification of the filing of this (check one of the following)

is being filed in the parent application, from which this application claims priority under 35 U.S.C. § 120.